

**CLAIMS:**

1. A method for providing venue-based data to hand held devices, said  
5 method comprising the steps of:

capturing video images from at least one perspective of a venue-based  
activity using at least one video camera; and

- 10 processing said video images into venue-based data formatted for  
transmission to and use by at least one hand held device having a display  
screen.

2. The method of claim 1 further comprising the step of:  
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transmitting said venue-based data to at least one hand held device  
having a display screen.

3. The method of claim 1 further comprising the step of:  
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transmitting said venue-based data to said at least one hand held device  
having said display screen.

4. The method of claim 1 further comprising:  
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Receiving said venue-based data at least one hand held device;

processing said data for display on a display screen associated with said

at least one hand held device, in response to receiving said data at said hand held device; and

displaying processed data on said display screen, thereby enabling a  
5 user of said hand held device to view venue-based data through said hand held device.

5. The method of claim 4 wherein said at least one video camera is adapted to provide high-resolution wide-angle video data.

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6. The method of claim 1 further comprising the step of:

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transmitting data from said at least one venue-based data source through a transmitter associated with said at least one venue-based data source for transmission to at least one hand held device.

7. The method of claim 6 further comprising the step of:

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broadcasting said data to said hand held device through wireless communications.

8. The method of claim 1 further comprising the step of:

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transmitting said data from said at least one venue-based data source to said hand held device through a wireless network.

9. The method of claim 8 further comprising the step of:

transferring said data through a wireless gateway associated with said wireless network.

10. The method of claim 4 wherein the step of displaying processed data on  
5 said display screen, further comprises the step of:

displaying processed data on said display screen, in response to user input through a user interface associated with said hand held device.

- 10 11. The method of claim 4 wherein said processed data comprises at least one perspective of a venue-based activity.

12. The method of claim 11 wherein the step of displaying processed data  
15 on said display screen, further comprises the step of:

displaying a particular perspective of said venue-based activity on said display screen, in response to a user selection of said particular perspective of said venue activity.

- 20 13. The method of claim 1 further comprising the step of:

processing said data for display on said display screen associated with said hand held device utilizing at least one image-processing module.

- 25 14. The method of claim 1 wherein said venue-based data comprises real-time video data.

15. The method of claim 1 wherein said venue-based data further comprises

instant replay video data.

16. The method of claim 1 wherein said venue-based data further comprises promotional information.

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17. The method of claim 1 wherein said venue-based data further comprises advertising information.

18. A method for wirelessly transmitting venue-based data to at least one hand held device having a display screen, said method comprising the steps of:

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wirelessly transmitting data to said at least one hand held device from at least one venue-based data source;

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processing said data for display on said display screen associated with said at least one hand held device; and

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displaying processed data on said display screen of said at least one hand held device, thereby enabling a user of said at least one hand held device to view venue-based data through said at least one hand held device.

19. A method for transmitting at least one perspective of a venue-based activity to a hand held device through a wireless network, said method comprising the steps of:

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capturing video images from at least one perspective of a venue-based activity using at least one video camera;

processing said at least one perspective for display on a display screen associated with said hand held device; and

5 transmitting at least one perspective of a venue-based activity to a hand held device from at least one venue-based data source, thereby enabling a user of said hand held device to view venue-based perspectives through said hand held device.

20. A method for displaying a particular perspective of a venue-based activity at a hand held device having a display screen, said method comprising the steps of:

15 capturing a plurality of perspectives of a venue-based activity utilizing at least venue-based data source;

processing said plurality of perspectives for display on a display screen associated with said hand held device;

20 transmitting to a hand held device said plurality of perspectives of a venue-based activity from said at least one venue-based data source; and

25 displaying a particular perspective on a display screen, in response to a user selection of said particular perspective from among said plurality of perspectives, thereby enabling a user of said hand held device to view particular venue-based data through said hand held device.

21. A system for providing venue-based data to a hand held device, said system comprising:



a wireless gateway for transferring said data through a wireless local area network.

28 27. The system of claim 26 wherein said processed data is displayable on  
5 said display screen, in response to user input through a user interface associated with said hand held device.

29 28. The system of claim 27 wherein said processed data comprises at least one perspective of a venue-based activity.

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30 29. The system of claim 21 further comprising:

security module for securing said data prior to transmission by said transmitter.

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31 30. The system of claim 29 wherein said security module further comprises:

encryption module for encrypting said data prior to transmission by said transmitter.

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32 31. The system of claim 21 wherein said venue-based data comprises video data.

33 32. The system of claim 23 wherein said venue-based data further  
25 comprises instant replay video data.

34 33. The system of claim 23 wherein said venue-based data further comprises promotional information.

35 34. The system of claim 23 wherein said venue-based data further comprises advertising information.

5 36 35. A system for wirelessly transmitting venue-based data to venue-based wireless hand held devices, said system comprising:

at least one processor for processing data captured by at least one venue-based video camera for transmission to remote wireless hand held devices, wherein said wireless hand held devices each comprise a display screen for displaying said data; and

at least one transmitter for wirelessly transmitting said data to a said remote wireless hand held devices.

37 36. The system of claim 35 further comprising:

at least one security module for securing said data prior to said transmitting of said data to said wireless hand held device by said at least one transmitter.

38 37. A system for transmitting at least one video perspective of a venue-based activity for display at least one hand held device located at said venue, said system comprising:

a server for processing data representing said at least one video perspective captured by at least one venue-based video camera for



transmission to said hand held device, wherein each of said wireless hand held device comprise a display screen for displaying said data; and

5 a wireless gateway for transmitting said at least one perspective to said at least one hand held device.

39 ~~38~~: The system of claim 37 further comprising a security module for encrypting said data prior to transmission by said wireless gateway.

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